

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/315,355DATE: 05/28/1999
TIME: 10:37:25

INPUT SET: S32033.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages.

SEQUENCE LISTING

ENTERED

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2
3 (1) General Information:
4
5 (i) APPLICANT: KEESEE, SUSAN
6 OBAR, ROBERT
7 WU, YING-JYE
8
9 (ii) TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE
10 DETECTION OF CERVICAL CANCER
11
12 (iii) NUMBER OF SEQUENCES: 46
13
14 (iv) CORRESPONDENCE ADDRESS:
15 (A) ADDRESSEE: Testa, Hurwitz & Thibault
16 (B) STREET: 125 High St.
17 (C) CITY: Boston
18 (D) STATE: MA
19 (E) COUNTRY: USA
20 (F) ZIP: 02110
21
22 (v) COMPUTER READABLE FORM:
23 (A) MEDIUM TYPE: Floppy disk
24 (B) COMPUTER: IBM PC compatible
25 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
26 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30
27
28 (vi) CURRENT APPLICATION DATA:
29 (A) APPLICATION NUMBER:
30 (B) FILING DATE:
31 (C) CLASSIFICATION:
32
33 (viii) ATTORNEY/AGENT INFORMATION:
34 (A) NAME: GREENHALGH, DUNCAN A
35 (B) REGISTRATION NUMBER: 38,678
36 (C) REFERENCE/DOCKET NUMBER: MTP-023 (8395/27)
37
38 (ix) TELECOMMUNICATION INFORMATION:
39 (A) TELEPHONE: (617) 248-7000
40 (B) TELEFAX: (617) 248-7100
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42
43 (2) INFORMATION FOR SEQ ID NO:1:
44
45 (i) SEQUENCE CHARACTERISTICS:
46 (A) LENGTH: 11 amino acids

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47 (B) TYPE: amino acid
48 (C) STRANDEDNESS:
49 (D) TOPOLOGY: linear
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51 (ii) MOLECULE TYPE: peptide
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56 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
57
58 Pro Ala Ala Ser Leu Ala Val His Thr Asp Lys
59 1 5 10
60
61 (2) INFORMATION FOR SEQ ID NO:2:
62
63 (i) SEQUENCE CHARACTERISTICS:
64 (A) LENGTH: 7 amino acids
65 (B) TYPE: amino acid
66 (C) STRANDEDNESS:
67 (D) TOPOLOGY: linear
68
69 (ii) MOLECULE TYPE: peptide
70
71
72
73
74 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
75
76 Phe Ser Gly Gln Ile Glu Arg
77 1 5
78
79 (2) INFORMATION FOR SEQ ID NO:3:
80
81 (i) SEQUENCE CHARACTERISTICS:
82 (A) LENGTH: 9 amino acids
83 (B) TYPE: amino acid
84 (C) STRANDEDNESS:
85 (D) TOPOLOGY: linear
86
87 (ii) MOLECULE TYPE: peptide
88
89
90
91
92 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
93
94 Arg Leu Ile Ala Glu Ala Lys Glu Lys
95 1 5
96
97 (2) INFORMATION FOR SEQ ID NO:4:
98
99 (i) SEQUENCE CHARACTERISTICS:

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100 (A) LENGTH: 9 amino acids
101 (B) TYPE: amino acid
102 (C) STRANDEDNESS:
103 (D) TOPOLOGY: linear
104
105 (ii) MOLECULE TYPE: peptide
106
107
108
109
110 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
111
112 Pro Ser Leu Val His Ser Arg Asp Met
113 1 5
114
115 (2) INFORMATION FOR SEQ ID NO:5:
116
117 (i) SEQUENCE CHARACTERISTICS:
118 (A) LENGTH: 16 amino acids
119 (B) TYPE: amino acid
120 (C) STRANDEDNESS:
121 (D) TOPOLOGY: linear
122
123 (ii) MOLECULE TYPE: peptide
124
125
126
127
128 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
129
130 Val Trp Asp Ile Ser Thr Val Ser Ser Val Asn Glu Ala Phe Gly Arg
131 1 5 10 15
132
133
134 (2) INFORMATION FOR SEQ ID NO:6:
135
136 (i) SEQUENCE CHARACTERISTICS:
137 (A) LENGTH: 18 amino acids
138 (B) TYPE: amino acid
139 (C) STRANDEDNESS:
140 (D) TOPOLOGY: linear
141
142 (ii) MOLECULE TYPE: peptide
143
144
145
146
147 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:
148
149 Leu Val Leu Gly Ser Ala Arg Asn Ser Ser Ile Ser Gly Pro Phe Gly
150 1 5 10 15
151
152 Ser Arg

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155 (2) INFORMATION FOR SEQ ID NO:7:
156
157 (i) SEQUENCE CHARACTERISTICS:
158 (A) LENGTH: 25 amino acids
159 (B) TYPE: amino acid
160 (C) STRANDEDNESS:
161 (D) TOPOLOGY: linear
162
163 (ii) MOLECULE TYPE: peptide
164
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167
168 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:
169
170 Ser Asp Lys Pro Ile Phe Thr Leu Asn Ala His Asn Asp Glu Ile Ser
171 1 5 10 15
172
173 Gly Leu Asp Leu Ser Ser Gln Ile Lys
174 20 25
175
176 (2) INFORMATION FOR SEQ ID NO:8:
177
178 (i) SEQUENCE CHARACTERISTICS:
179 (A) LENGTH: 21 amino acids
180 (B) TYPE: amino acid
181 (C) STRANDEDNESS:
182 (D) TOPOLOGY: linear
183
184 (ii) MOLECULE TYPE: peptide
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189 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:
190
191 Val Gln Thr Leu Gln Phe His Pro Phe Glu Ala Gln Thr Leu Ile Ser
192 1 5 10 15
193
194 Gly Ser Tyr Asp Lys
195 20
196
197 (2) INFORMATION FOR SEQ ID NO:9:
198
199 (i) SEQUENCE CHARACTERISTICS:
200 (A) LENGTH: 23 amino acids
201 (B) TYPE: amino acid
202 (C) STRANDEDNESS:
203 (D) TOPOLOGY: linear
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205 (ii) MOLECULE TYPE: peptide

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(xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:

Met	Gly	Val	Leu	Phe	Cys	Ser	Ser	Cys	Cys	Pro	Asp	Leu	Pro	Phe	Ile
1				5					10					15	
Tyr Ala Phe Gly Gly Gln Lys															
20															

(2) INFORMATION FOR SEQ ID NO:10:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 501 amino acids
- (B) TYPE: amino acid
- (C) STRANDEDNESS:
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:

Met	Asn	Arg	Ser	Arg	Gln	Val	Thr	Cys	Val	Ala	Trp	Val	Arg	Cys	Gly
1				5					10					15	
Val Ala Lys Glu Thr Pro Asp Lys Val Glu Leu Ser Lys Glu Glu Val															
20 25 30															
Lys Arg Leu Ile Ala Glu Ala Lys Glu Lys Leu Gln Glu Glu Gly Gly															
35 40 45															
Gly Ser Asp Glu Glu Glu Thr Gly Ser Pro Ser Glu Asp Gly Met Gln															
50 55 60															
Ser Ala Arg Thr Gln Ala Arg Pro Arg Glu Pro Leu Glu Asp Gly Asp															
65 70 75 80															
Pro Glu Asp Asp Arg Thr Leu Asp Asp Asp Glu Leu Ala Glu Tyr Asp															
85 90 95															

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SEQUENCE VERIFICATION REPORT
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